

PATENT

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July 26, 2002
Amalya Halo 07/26/02
SIGNATURE DATE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Frederic Nigon et al.
Serial No. : 10/005,091
Filing Date : December 5, 2001
For : WHEEL PARAMETER MEASURING
SYSTEM AND MEASURING
DETECTOR FOR SUCH A SYSTEM
Art Unit : Not Assigned
Examiner : Not Assigned
Attorney Docket : TRW(F) 5992

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

1. Pursuant to 37 CFR §1.97 and §1.98, and in compliance with CFR §1.56, the Office's attention is directed to the patents, pending applications, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed. Applicant(s) make no admission that the enclosed documents are prior art to the present invention.
2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a corresponding U.S. Patent is enclosed, or an English abstract, or a concise explanation of the relevance of the document is set forth on an attached sheet.

3. Pursuant to 37 CFR \$1.97(b) this Statement is being filed (one must be checked):

- (a) ☐ Within three months of the filing date or date of entry into the National Stage.
- (b) ☒ Before the mailing date of a first Office Action on the merits.
- (c) ☐ After the period set forth in 37 CFR \$1.97(b) but before the mailing date of either a final action or a notice of allowance or an action that otherwise closes prosecution in the application.
 - 1) ☐ A certification is given below,
 - 2) ☐ Enclosed is a check covering the fee (\$180.00) set forth in \$1.17(p) for consideration of this Statement, or
 - 3) ☐ Charge the fee set forth in 37 CFR \$1.17(p) to Deposit Account No. 20-0090.
- (d) ☐ After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. The required certification and fee is indicated below.
 - 1) ☐ Enclosed is a check covering the fee set forth in 37 CFR \$1.17(p) \$180, or
 - 2) ☐ Charge the fee set forth in 37 CFR \$1.17(p) to Deposit Account No. 20-0090.

4. Certification (if applicable):

- (a) ☐ The undersigned hereby certifies that each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

- (b) ☐ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the undersigned's knowledge after making reasonable inquiry no item of information contained in the Statement, was known to any individual designated in 37 CFR \$1.56(c) more than three months prior to the filing of this Statement.

5. The Commissioner is hereby authorized to charge any additional fees, fees underpaid, or credit any overpayment with regard to this Statement to Deposit Account No. 20-0090.

6. Concise Explanation (if needed):

- (1) ☒ Below is a Concise Statement of Relevance of enclosed non-English language document(s).

U.S. PATENT DOCUMENTS

U.S. Patent No. 5,541,574

U.S. Patent No. 5,573,610

U.S. Patent No. 5,749,984

FOREIGN PATENT DOCUMENTS

Patent No.

FR 2 807 362 A1 ✓

Relevance

Discloses a tire temperature and/or pressure measuring system. Each wheel is equipped with a temperature and/or pressure sensor, which at successive instances transmits a radio frequency message. It is associated with a fixed antenna installed near the axis of the wheel and the wheel rim and is coupled by a filter to a wire link or a connection with a message processor. Consequently, the radio frequency air connection required by each temperature and/or pressure sensor is very short and may be substantially the same for all the wheels.

Patent No.

DE 199 24 830 A1 ✓

Relevance

The message processing unit, which is frequently combined with a central processing unit carrying out other functions to form a common module, can then be installed anywhere on the vehicle.

Appears to disclose a tire pressure and temperature sensor arrangement including a transponder/sensor in the tire and an external transceiver.

Respectfully submitted,



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